DesignWorks™ 3.1 TO 3.1.1 Update Notes

IMPORTANT: This update installation procedure is only for users who already have DesignWorks™ 3.1 installed. If you have an older version, you should install a complete new DesignWorks system.

These notes provide supplementary information on DesignWorks version 3.1.1, released June 10, 1993 for users of DesignWorks™ 3.1. The 3.1.1 version fixes some problems reported in the 3.1 release, adds some minor new features, and implements some internal changes required for compatibility with the DesignWorks Simulator. The new features are described in the enclosed 3.1.1 Release and Installation Notes. DesignWorks 3.1 and 3.1.1 are fully file compatible.

Program Installation Procedure

Preliminary Steps

1) If you have modified any of the standard library files or report forms, you should copy them to another location before proceeding. The Installer will replace some of the standard files with updated versions.

2) The Installer runs much more quickly and with less disk swaps if you disable all extensions on your machine before proceeding. With Macintosh System Software version 7.x, you can do this by selecting the Restart menu command in the Finder's Special menu and hold the Shift key pressed until you see the message "Extensions Off" in the startup screen.

3) Rename your existing DesignWorks 3.1 folder to "DesignWorks™ 3.1.1". (Note: The ™ sign is Option-2.)

IMPORTANT: Your existing DesignWorks 3.1 installation must be in a folder called exactly "DesignWorks™ 3.1.1" which must be at the top level of your disk. If you do not do this, the Installer will create a folder called "DesignWorks™ 3.1.1" with the updated files in it. You must then drag the individual files to the corresponding locations in your DesignWorks 3.1 folder. WARNING: If you use this procedure, drag only individual files across, not folders. The folders in this update are not complete and contain only the updated files. Replacing whole folders will wipe out files that are not included with this release!

Update Installation

1) Insert the diskette labeled "Update Disk 1".

2) Do not copy any of these files onto your hard disk! Double-click on the file "Installer". This will start up the installer program.

3) Click the Install button.

When this process is complete, you can quit the Installer and eject the installation disk. If it was not removed automatically, the old "DesignWorks™ 3.1" program can be discarded since it is completely replaced by the 3.1.1 version.

You can now run the DesignWorks™ 3.1.1 program. No serial number or file changes are required.

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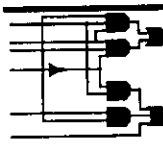

Capilano Computing

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406 - 960 Quayside Drive
New Westminster, B.C., V3M 6G2
Canada

(604) 522-6200
Fax (604) 522-3972
AppleLink D0816

IMPORTANT DESIGNWORKS UPGRADE!

December 2, 1991

Enclosed is your upgrade to DesignWorks 2.5.5, being shipped to you as part of your Support Plan subscription. This version fixes a number of problems that have been reported since the 2.5.4 release:

- Version 2.5.4 was not fully compatible with 32-bit virtual memory under System 7.0.
- A number of problems with entry of attribute data using the Attributes module have been fixed.
- A number of problems in the Report module have been fixed, including a bomb which occurred under some circumstances when using the $CHECK $SIGNALS command.

In addition, two minor additions have been made to the I/O device library in the form of an ASCII display device and a momentary pushbutton.

Installation

To ensure that you have up-to-date copies of all the files in the DesignWorks system, we are including a full program set with this upgrade. In the past users have had problems installing an upgrade when they hadn't received or hadn't installed the previous one.

DON'T THROW AWAY ANY OLD FILES UNTIL YOU ARE SURE THE REPLACEMENTS HAVE BEEN SUCCESSFULLY INSTALLED FROM THE NEW DISKS!

The first step in the installation is to unpack the two program diskettes onto your hard disk using the same technique that was used for the original installation. This will create a new folder called DesignWorks™ 2.5.5.

<u>If you currently have 2.5.3 or 2.5.4:</u>

The only files that have changed since 2.5.3 are the DesignWorks program itself, modules Attributes, ErrorFind, IOPanel and Report, and the I/O device library. In addition, many of the Report Form files have been updated to remove obsolete keywords.

The best approach is to simply copy these files from the new DesignWorks™ 2.5.5 folder into your old DesignWorks folder, replacing the older files of the same name.

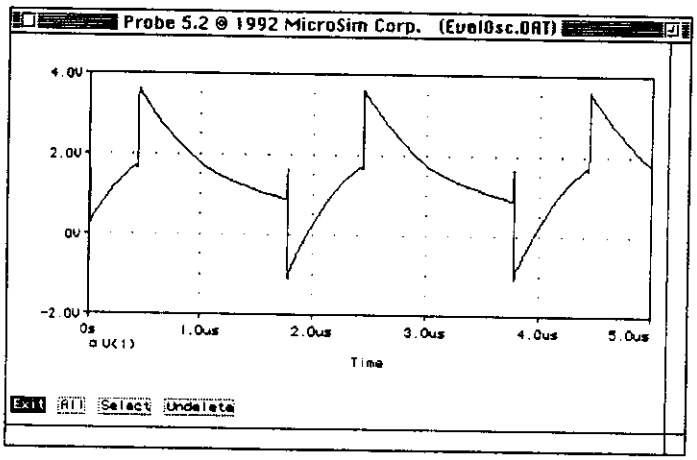
<u>If you currently have version older than 2.5.3:</u>

The DesignWorks module interface was changed with version 2.5.3, so all modules shipped with older versions are now out of date and must be replaced with the new ones provided. All other library and circuit files are still compatible. Drag the new DesignWorks program, the entire Modules folder and the I/O library from the DesignWorks™ 2.5.5 folder into your existing DesignWorks folder, replacing the older files of the same name.

We apologize for any inconvenience any program errors may have caused. If you have any problems with installation or use of these programs, please contact our DesignWorks Technical Support department at (604) 522-6200.

PLEASE NOTE OUR NEW ADDRESS AND PHONE NUMBERS!

Other Design Products for your Macintosh

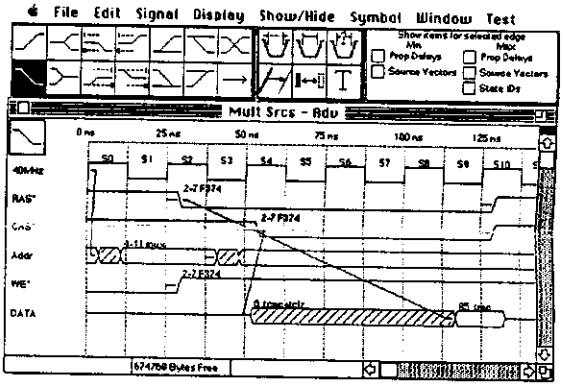


PSpice™ Mixed-Mode Analog/ Digital Simulation from MicroSim

PSpice Design Center 1 for the Macintosh offers you complete analog and digital simulation capability. Includes analog behavioral modeling, Monte Carlo and sensitivity/ worst case analysis, graphical waveform analysis, device characterization and extensive analog/digital model libraries (over 5,700 parts).

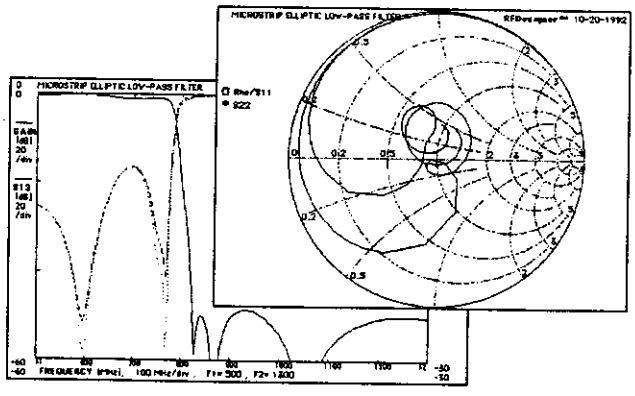
PSpice can be used with DesignWorks for a complete schematic capture and mixed-mode simulation solution!

dV/dt™ Timing Diagram Accelerator from Engineerium



dV/dt™ speeds digital designers through critical timing analysis faster and with more accuracy than ever before. With dV/dt's "what if" capabilities, you can interactively vary clock speeds, logic types, memory speeds and wait states - virtually all logic timing parameters! Don't wait until after you have already entered your schematic. Use dV/ dt to sketch, model and analyze designs "up-front" where changes can be made quickly, easily and cost-effectively.

dV/dt also makes an ideal companion to MacABEL for PLD test vector generation.



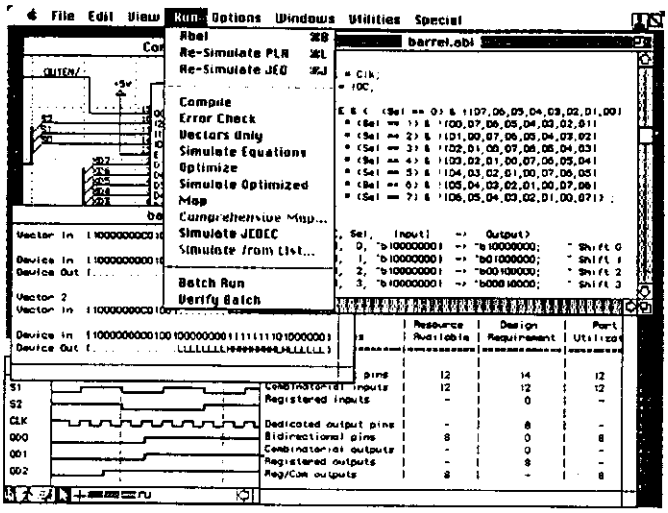
RFDesigner™ - Radio Frequency Circuit Simulation and Optimization from ingSoft

RFDesigner can save you time and money in the design of radio frequency and other analog circuits. RF schematics created in DesignWorks can be transferred to RFDesigner for analysis and optimization. Supports Gradient and Random optimization with yield prediction for any number of components, including crystal and SAW networks. Includes S-parameter libraries, extensive manual and reference guide, On-Line Manual, newsletter and technical support.

Special Offer for DesignWorks 3.0 Users!

Until November 30, 1992 you can take advantage of our bundle prices without buying (or paying!) a bundle. See over for details.

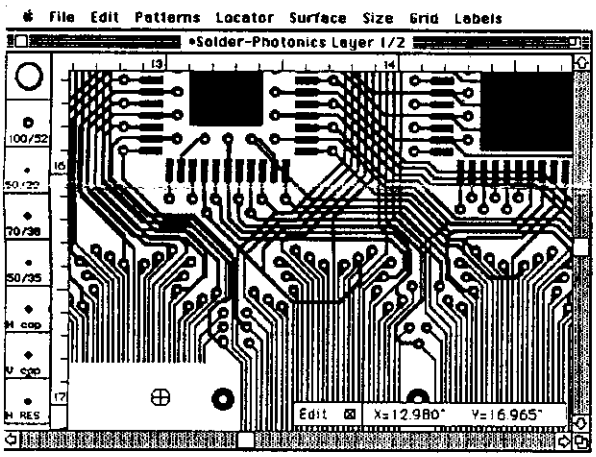
MacABEL™ - High-level PLD Design from Capilano Computing



MacABEL is the Macintosh version of Data I/O's industry-standard ABEL-4™ programmable logic design package. MacABEL gives you the same extensive device support and powerful design features available in ABEL-4 on other platforms, plus a friendly Macintosh user interface.

MacABEL 4.1 now also supports add-on Fitter and SmartPart™ options. SmartPart is the new device selector package which helps you select the right part for your design from among the 4,000+ devices now on the market. In addition to the raw requirements of your design, SmartPart will take into account speed requirements, package types, preferred manufacturers and user-supplied data.

The Fitter modules analyze your design and map it onto the selected device in the most efficient way possible. This is not only a convenience, but becomes essential for the complex parts now coming on the market. For example, the AMD MACH™ parts require complex routing and selection among numerous options in order to get efficient utilization.



Professional Layout™ - PCB Design and Auto-routing from Douglas Electronics

Douglas Professional Layout is a full-featured board editor capable of designs up to 32" x 42". An unlimited number of layers can be created with power and ground planes, solder masks and silk screens. Layers can be viewed separately or all at once. Includes SMT and thru-hole libraries and full editing features for user-definable parts and pads.

Douglas AutoRouter is a Lee-maze router capable of accommodating complex designs up to 16 layers. One-mil grids and surface mount devices are supported along with user-definable costing formulae.

Special Offers for DesignWorks™ 3.0 Owners

These offers expire November 30, 1992 and are available only to registered owners of DesignWorks™ 3.0.

Product	List Price	Special Price
PSpice Design Center 1	$4,950	$4,400
dV/dt	$495	$435
RFDesigner	$1,500	$1,300
MacABEL**	$1,995	$1,695
Douglas Prof. Layout & Autorouter	$2,200	$2,000

** Also take 10% off any MacABEL fitters or options

To place an order or request more information, call us at (800) 444-9064 (U.S. only) or (604) 522-6200. Fax (604) 522-3972 AppleLink D0816

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